



(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 28 December 2000 (28.12.2000)

PCT

(10) International Publication Number WO 00/79033 A1

(51) International Patent Classification⁷: 29/48, H01L 21/365

C30B 25/02,

(21) International Application Number: PCT/AU00/00696

(22) International Filing Date: 20 June 2000 (20.06.2000)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: PQ 1121

22 June 1999 (22.06.1999) A

- (71) Applicant (for all designated States except US): UNISEARCH LIMITED [AU/AU]; Rupert Myers Building, Gate 14, Barker Street, Sydney, NSW 2052 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): TRAN, Nguyen, Hoang [AU/AU]; 22 Bent Street, Altona, VIC 3018 (AU). HARTMANN, Andreas, Jurgen [DE/AU]; 45 Newman Street, Newtown, NSW 2042 (AU). LAMB, Robert, Norman [AU/AU]; 9 Gamut Road, Engadine, NSW 2233 (AU).

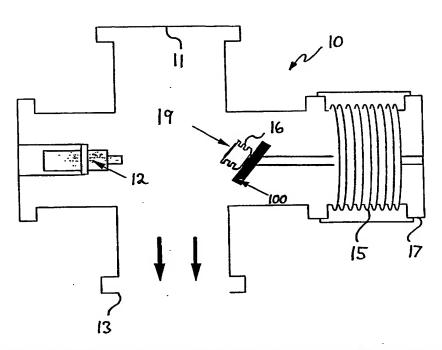
- (74) Agent: GRIFFITH HACK; GPO Box 4164, Sydney, NSW 2001 (AU).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

With international search report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: EPITAXIAL FILMS



(57) Abstract: Growth of epitaxial zinc sulphide semiconductor film using zinc diethyldithiocarbamate precursor as single source.



WO 00/79033 A